

# ACTION REQUIRED - Eurex Clearing FIXML Interface – New server certificates

## Summary

ECC informs that existing SSL/TLS certificates on the AMQP brokers, which are used for the Eurex Clearing FIXML Interface, are approaching their expiration date in the simulation and production environment.

All participants using Eurex Clearing FIXML are required to replace the certificates before the expiration date.

The new certificates will be activated on the following days:

- In **simulation** on **26 September 2022**
- In **production** on **8 October 2022**

If required, Clearing Members can test the connectivity in the production environment. The connection test will be conducted on Saturday, 8 October 2022, between 12:00 and 15:00 CET.

## Contact

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## **ACTION REQUIRED – Activate new FIXML certificates**

All participants using Eurex Clearing FIXML (automated programming interface for derivatives clearing) are required to replace the SSL/TLS certificates on the AMQP brokers.

The new certificates will be activated as follows:

- In **simulation** on **26 September 2022**
- In **production** on **8 October 2022**

The new public keys will be available for download on 19 September 2022 for simulation and 26 September 2022 for production on the Eurex Clearing website [www.eurex.com/ec-en](http://www.eurex.com/ec-en) under the following link:

Support > Technology > C7 > Messaging Interfaces Connectivity

### **Connection Test**

Members can test the connectivity in the production environment. The connection test will be conducted on Saturday, 8 October 2022, between 12:00 and 15:00 CET.

### **Detailed description**

The certificates will be signed by the DigiCert certification authority (CA). The root and intermediate certificates of the CA are available for download on their official website [www.digicert.com](http://www.digicert.com)

For the client application to accept the server certificates during connection establishment, the public keys of the AMQP brokers or the public keys of the CA must be installed first on the client's side. Most AMQP clients can work with multiple certificates at the same time, therefore it is possible to load the public keys in advance. The client will then be able to automatically select between the old and new certificate.

Once the new production certificate is installed on the Eurex side on 8 October 2022, client connections established with the old certificate will not drop automatically and will remain connected until disconnection or broker re-start.

After the activation dates, the connection will only work with the new public keys. This new FIXML certificate does not affect certificates uploaded in the Member Section of Deutsche Börse Group.

More details about the SSL/TLS configuration of different AMQP libraries can be found in the Eurex Clearing Messaging Interfaces documentation on the Eurex Clearing website [www.eurex.com/ec-en/](http://www.eurex.com/ec-en/) under the following link:

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Relevant documents are:

- Eurex Clearing Messaging Interfaces – Connectivity A: Connectivity
- Eurex Clearing Messaging Interfaces – Connectivity B: AMQP Programming Guide
- Eurex Clearing Messaging Interfaces – Connectivity E: AMQP Setup & Internals

## Contact

Any question can be addressed to the Deutsche Börse Customer Technical Support ([cts@deutsche-boerse.com](mailto:cts@deutsche-boerse.com)) and Technical Key Account Manager via your VIP number or to EEX Customer Connectivity ([technology@eex.com](mailto:technology@eex.com)).